



Software Construction and Development
LabTask 04

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Tomcat Setup

```
Building Student Registration Web App 1.0-00A3F807
From pom.xml
-----[ war ]-----
--- resources:3.1.1:resources (default-resources) @ 232025_MuhammadHameed_Qaisi ---
Uploading 1 resource from src/main/resources to target/classes
--- compiler:3.11.0:compile (default-compile) @ 232025_MuhammadHameed_Qaisi ---
Changes detected - recompiling the module! input tree
--- resources:3.1.1:resources (default-resources) @ 232025_MuhammadHameed_Qaisi ---
skip non-existing resourceDirectory C:\Users\232025\Documents\IdeaProjects\232025_MuhammadHameed_Qaisi\src\test\resources
--- compiler:3.11.0:testCompile (default-testCompile) @ 232025_MuhammadHameed_Qaisi ---
No sources to compile
--- surefire:3.2.1:test (default-test) @ 232025_MuhammadHameed_Qaisi ---
No tests to run.
--- war:3.4.0:war (default-war) @ 232025_MuhammadHameed_Qaisi ---
Packaging webapp
Assembling webapp (232025_MuhammadHameed_Qaisi) in [C:\Users\232025\Documents\IdeaProjects\232025_MuhammadHameed_Qaisi\target\232025_MuhammadHameed_Qaisi-1.0-00A3F807]
Packaging was perfect
Uploading webapp resources [C:\Users\232025\Documents\IdeaProjects\232025_MuhammadHameed_Qaisi\src\main\webapp]
Building war C:\Users\232025\Documents\IdeaProjects\232025_MuhammadHameed_Qaisi\target\232025_MuhammadHameed_Qaisi-1.0-00A3F807.war
-----[ BUILD SUCCESS ]-----
Total time: 7.714 s
Finished at: 2025-10-20T02:45:04-07:00
-----
Deploying on Apache Tomcat or TomEE
profile mode: false
debug mode: false
```

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/9.0.111

If you're seeing this, you've successfully installed Tomcat. Congratulations!

 Recommended Reading:
[Security Considerations How To](#)
[Manager Application How To](#)
[Clustering/Session Replication How To](#)

[Server Status](#)
[Manager App](#)
[Event Manager](#)

Developer Quick Start

Tomcat Setup Fast Web Application	Servlets & JSP JSP, JSP Resources	Examples	Servlet Specifications Servlet Resources
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Managing Tomcat

For security, access to the `SHUTDOWN` command is restricted. Users are defined in `$CATALINA_HOME/conf/tomcat-users.xml`. In Tomcat 9.0 access to the manager application is split between different users: `manager-script`...

[Release Notes](#)
[Changelog](#)
[Migration Guide](#)
[Security Notices](#)

Documentation

[Tomcat 9.0 Documentation](#)
[Tomcat 9.0 Configuration](#)
[Tomcat Wiki](#)

For additional important configuration information, see [\\$CATALINA_HOME/README.txt](#). Developers may be interested in [Tomcat 9.0 Dev Database](#), [Tomcat 9.0 JIRA](#) and [Tomcat 9.0.111 Releases at GitHub](#).

Getting Help

[FAQ and Mailing Lists](#)

The following mailing lists are available:

- [Tomcat-announce](#): Important announcements, releases, security vulnerability notifications, & new features.
- [tomcat-users](#): User support and discussion.
- [tomcat-dev](#): Developer support and discussion for Apache Tomcat.

Visit the [Development mailing list](#), including current messages.

Other Downloads	Other Documentation	Get Involved	Microservices	Apache Software Foundation
Tomcat Downloads	Tomcat Downloads	Contribute	Container	Contribution
Tomcat Setup	Servlet & JSP Documentation	Servlet Resources	Local Development	Help, FAQ, Wiki
Tools	Tomcat Status	Release Notes	Deployment	Mailing Lists
Javadoc	Servlet	Wiki	DevOps	Security

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App Snapshots

